

## WEST Search History

DATE: Wednesday, February 04, 2004

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<input type="checkbox"/>	L7	L6 not l5	51
<input type="checkbox"/>	L6	L4 and (\$deoxyerythronolide or 6deb)	76
		<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>	
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END OF SEARCH HISTORY

09/870012  
STN Search Summary

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FILE 'CAPLUS' ENTERED AT 10:17:51 ON 04 FEB 2004

L1 762 S ERYTHRAE?  
L2 3 S L1 AND ERYTHROMYCIN AND (6DEB OR ?DEOXYETHRONOLIDE)  
L3 62 S L1 AND ERYTHROMYCIN AND (6DEB OR ?DEOXYERYTHRONOLIDE)  
L4 35 S L3 AND PD<2000

L4 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:348742 CAPLUS  
TI Combinatorial polyketide libraries produced using a modular polyketide synthase gene cluster as scaffold  
IN Khosla, Chaitan; Kao, Camilla M.  
SO U.S., 59 pp., Cont.-in-part of U.S. 6,391,594.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6558942	B1	20030506	US 1998-73538	19980506
	US 5672491	A	19970930	US 1994-238811	19940506 <--
	US 5712146	A	19980127	US 1995-486645	19950607 <--
	US 2002034797	A1	20020321	US 1997-846247	19970430
	US 6391594	B2	20020521		
	US 6117659	A	20000912	US 1999-320878	19990527
	US 6509455	B1	20030121	US 2000-657440	20000907
	US 2003104597	A1	20030605	US 2001-793708	20010222
	US 2003040084	A1	20030227	US 2001-852416	20010509
	US 2002068332	A1	20020606	US 2001-859854	20010516
	US 2003148469	A1	20030807	US 2002-201365	20020722
	US 2003170725	A1	20030911	US 2002-213926	20020806
	US 2003194785	A1	20031016	US 2003-340139	20030110

L4 ANSWER 2 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2000:344124 CAPLUS  
TI Novel polyketide production by ketosynthase inactivation in a \*\*\*erythromycin\*\*\* polyketide synthase gene cluster  
IN Khosla, Chaitan; Pieper, Rembert; Luo, Guanglin; Cane, David E.; Kao, Camilla  
SO U.S., 9 pp., Cont.-in-part of U.S. Ser. No. 675,817.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6066721	A	20000523	US 1997-896323	19970717
	US 6080555	A	20000627	US 1996-675817	19960705
	WO 9903986	A2	19990128	WO 1998-US14911	19980717 <--
	WO 9903986	A3	19990408		
	AU 9884123	A1	19990210	AU 1998-84123	19980717 <--
	AU 736972	B2	20010809		
	EP 996714	A2	20000503	EP 1998-934641	19980717
	JP 2001510038	T2	20010731	JP 2000-503192	19980717
	NZ 502360	A	20011130	NZ 1998-502360	19980717
	BR 9813004	A	20020205	BR 1998-13004	19980717
	US 6500960	B1	20021231	US 1999-311756	19990514
	US 6274560	B1	20010814	US 1999-374711	19990813
	US 6261816	B1	20010717	US 1999-434289	19991105
	US 6531299	B1	20030311	US 2000-603083	20000626
	US 2003040084	A1	20030227	US 2001-852416	20010509
	US 2001024811	A1	20010927	US 2001-870012	20010529

	US 2003068677	A1	20030410	US 2002-96724	20020312
	US 2003077760	A1	20030424	US 2002-96789	20020312
	US 2003077707	A1	20030424	US 2002-96790	20020312
	US 2003194785	A1	20031016	US 2003-340139	20030110
PRAI	US 1995-3338P	P	19950706		
	US 1996-675817	A2	19960705		
	US 1993-123732	B2	19930920		
	US 1993-164301	B2	19931208		
	US 1994-238811	A2	19940506		
	US 1995-486645	A2	19950607		
	US 1997-846247	A2	19970430		
	US 1997-896323	A	19970717		
	US 1997-949943	A3	19971014		
	US 1998-76919P	P	19980305		
	US 1998-73538	A1	19980506		
	WO 1998-US14911	W	19980717		
	US 1998-164306	A1	19981001		
	US 1999-264162	A1	19990305		
	US 1999-311756	A2	19990514		
	US 1999-434289	A3	19991105		
	US 2001-755653	A1	20010105		

L4 ANSWER 8 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:66007 CAPLUS

TI Manufacture of substituted \*\*\*erythromycins\*\*\* with transgenic  
Saccharopolyspora using a carboxylic acid-contg. medium

IN Leadlay, Peter Francis; Staunton, James; Cortes, Jesus; Pacey, Michael  
Stephen

SO PCT Int. Appl., 97 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9801571	A2	19980115	WO 1997-GB1810	19970704 <--
	WO 9801571	A3	19980219		
	CA 2259420	AA	19980115	CA 1997-2259420	19970704 <--
	CA 2259463	AA	19980115	CA 1997-2259463	19970704 <--
	AU 9734509	A1	19980202	AU 1997-34509	19970704 <--
	AU 731301	B2	20010329		
	EP 909327	A2	19990421	EP 1997-930626	19970704 <--
	GB 2331518	A1	19990526	GB 1999-156	19970704 <--
	GB 2331518	B2	20010314		
	CN 1229438	A	19990922	CN 1997-197649	19970704 <--
	BR 9710209	A	20000111	BR 1997-10209	19970704
	NZ 333861	A	20000825	NZ 1997-333861	19970704
	JP 2000516450	T2	20001212	JP 1998-504925	19970704
	AP 1029	A	20011211	AP 1999-1444	19970704
	EE 3976	B1	20030217	EE 1999-14	19970704
	WO 9854308	A2	19981203	WO 1998-GB1559	19980528 <--
	WO 9854308	A3	19990408		
	AU 9876661	A1	19981230	AU 1998-76661	19980528 <--
	EP 983348	A2	20000308	EP 1998-924463	19980528
	NO 9900012	A	19990223	NO 1999-12	19990104 <--
	KR 2000023579	A	20000425	KR 1999-700024	19990105
	US 6271255	B1	20010807	US 1999-214454	19990916
	US 2001016598	A1	20010823		
	US 2002004487	A1	20020110	US 2001-896357	20010629
	US 6437151	B2	20020820		
	US 2003104585	A1	20030605	US 2002-307595	20021202

PRAI GB 1996-14189 A 19960705  
 US 1996-24188P P 19960819  
 GB 1997-10962 A 19970528  
 WO 1997-GB1810 W 19970704  
 WO 1998-GB1559 W 19980528  
 US 1999-214454 A3 19990916  
 US 1999-424751 A1 19991129

OS MARPAT 128:139812

L4 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:65985 CAPLUS

TI Polyketides and their synthesis in Streptomyces strains transformed with hybrid type I polyketide synthases

IN Leadlay, Peter Francis; Staunton, James; Cortes, Jesus

PA Biotica Technology Ltd., UK

SO PCT Int. Appl., 177 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 9801546	A2	19980115	WO 1997-GB1819	19970704	<--
	WO 9801546	A3	19980409			
	CA 2259420	AA	19980115	CA 1997-2259420	19970704	<--
	CA 2259463	AA	19980115	CA 1997-2259463	19970704	<--
	AU 9734514	A1	19980202	AU 1997-34514	19970704	<--
	AU 731654	B2	20010405			
	EP 910633	A2	19990428	EP 1997-930631	19970704	<--
	CN 1229438	A	19990922	CN 1997-197649	19970704	<--
	JP 2000511063	T2	20000829	JP 1998-504933	19970704	
	WO 9854308	A2	19981203	WO 1998-GB1559	19980528	<--
	WO 9854308	A3	19990408			
	AU 9876661	A1	19981230	AU 1998-76661	19980528	<--
	EP 983348	A2	20000308	EP 1998-924463	19980528	
	KR 2000023579	A	20000425	KR 1999-700024	19990105	
	US 2002004487	A1	20020110	US 2001-896357	20010629	
	US 6437151	B2	20020820			
	US 2003104585	A1	20030605	US 2002-307595	20021202	
PRAI	GB 1996-14189	A	19960705			
	US 1996-24188P	P	19960819			
	GB 1997-10962	A	19970528			
	WO 1997-GB1819	W	19970704			
	WO 1998-GB1559	W	19980528			
	US 1999-214454	A3	19990916			
	US 1999-424751	A1	19991129			

L4 ANSWER 10 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:682654 CAPLUS

TI The Molecular Basis of Celmer's Rules: The Stereochemistry of the Condensation Step in Chain Extension on the \*\*\*Erythromycin\*\*\* Polyketide Synthase

AU Weissman, Kira J.; Timoney, Maire; Bycroft, Matthew; Grice, Peter; Hanefeld, Ulf; Staunton, James; Leadlay, Peter F.

SO Biochemistry ( \*\*\*1997\*\*\* ), 36(45), 13849-13855

L4 ANSWER 11 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:677565 CAPLUS  
TI Acyltransferase domain substitutions in \*\*\*erythromycin\*\*\* polyketide  
synthase yield novel \*\*\*erythromycin\*\*\* derivatives  
AU Ruan, Xiaoan; Pereda, Ana; Stassi, Diane L.; Zeidner, David; Summers,  
Richard G.; Jackson, Marianna; Shivakumar, Annapur; Kakavas, Stephan;  
Staver, Michael J.; Donadio, Stefano; Katz, Leonard  
SO Journal of Bacteriology ( \*\*\*1997\*\*\* ), 179(20), 6416-6425

L4 ANSWER 12 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:667414 CAPLUS  
TI Biosynthesis of 2-nor-6- \*\*\*deoxyerythronolide\*\*\* B by rationally  
designed domain substitution  
AU Liu, Lu; Thamchaipenet, Arinthip; Fu, Hong; Betlach, Mary; Ashley, Gary  
SO Journal of the American Chemical Society ( \*\*\*1997\*\*\* ), 119(43),  
10553-10554

L4 ANSWER 13 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:721947 CAPLUS  
TI \*\*\*Erythromycin\*\*\* biosynthesis. Highly efficient incorporation of  
polyketide chain elongation intermediates into 6-  
\*\*\*deoxyerythronolide\*\*\* B in an engineered Streptomyces host  
AU Cane, David E.; Luo, Guanglin; Khosla, Chaitan; Kao, Camilla M.; Katz,  
Leonard  
SO Journal of Antibiotics ( \*\*\*1995\*\*\* ), 48(7), 647-51

L4 ANSWER 14 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:616785 CAPLUS  
TI Repositioning of a domain in a modular polyketide synthase to promote  
specific chain cleavage  
AU Cortes, Jesus; Wiesmann, Kirsten E. H.; Roberts, Gareth A.; Brown, Murray  
J. B.; Staunton, James; Leadlay, Peter F.  
SO Science (Washington, D. C.) ( \*\*\*1995\*\*\* ), 268(5216), 1487-89

L4 ANSWER 15 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:482527 CAPLUS  
TI Cloning and heterologous expression of the genes encoding nonspecific  
electron transport components for a cytochrome P450 system of  
Saccharopolyspora \*\*\*erythraea\*\*\* involved in \*\*\*erythromycin\*\*\*  
production  
AU Zotchev, Sergey B.; Hutchinson, C. R.  
SO Gene ( \*\*\*1995\*\*\* ), 156(1), 101-6

L4 ANSWER 16 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1994:403834 CAPLUS  
TI Limited proteolysis and active-site studies of the first multienzyme  
component of the \*\*\*erythromycin\*\*\* -producing polyketide synthase  
AU Aparicio, Jesus F.; Caffrey, Patrick; Marsden, Andrew F. A.; Staunton,  
James; Leadlay, Peter F.  
SO Journal of Biological Chemistry ( \*\*\*1994\*\*\* ), 269(11), 8524-8

L4 ANSWER 17 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1993:619166 CAPLUS  
TI Method of directing biosynthesis of specific polyketides  
IN Katz, Leonard; Donadio, Stefano; Mcalpine, James B.  
PA Abbott Laboratories, USA  
SO PCT Int. Appl., 133 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9313663	A1	19930722	WO 1992-US427	19920117 <--
	AU 9212450	A1	19930803	AU 1992-12450	19920117 <--
	AU 665526	B2	19960111		
	EP 626806	A1	19941207	EP 1992-905082	19920117 <--
PRAI	WO 1992-US427		19920117		

L4 ANSWER 25 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1991:486469 CAPLUS  
TI An \*\*\*erythromycin\*\*\* derivative produced by targeted gene disruption  
in Saccharopolyspora \*\*\*erythraea\*\*\*  
AU Weber, J. M.; Leung, J. O.; Swanson, S. J.; Idler, K. B.; McAlpine, J. B.  
SO Science (Washington, DC, United States) ( \*\*\*1991\*\*\* ), 252(5002),  
114-17

L4 ANSWER 30 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1987:529642 CAPLUS  
TI Macrolide antibiotic biosynthesis: isolation and properties of two forms  
of 6- \*\*\*deoxyerythronolide\*\*\* B hydroxylase from Saccharopolyspora  
\*\*\*erythraea\*\*\* (Streptomyces erythreus)  
AU Shafiee, Ali; Hutchinson, C. Richard  
SO Biochemistry ( \*\*\*1987\*\*\* ), 26(19), 6204-10

L4 ANSWER 32 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1984:64650 CAPLUS  
TI Macrolide biosynthesis - II. Origin of the carbon skeleton and oxygen  
atoms of the \*\*\*erythromycins\*\*\*  
AU Cane, David E.; Hasler, Heinz; Taylor, Paul B.; Liang, Tzyy Chyau  
SO Tetrahedron ( \*\*\*1983\*\*\* ), 39(21), 3449-55

L4 ANSWER 33 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1982:48072 CAPLUS  
TI Accumulation of 6- \*\*\*deoxyerythronolide\*\*\* B in a normal strain of  
Streptomyces erythreus and hydroxylation at C-6 of the erythranolide ring  
system by a soluble noninduced cell-free enzyme system  
AU Corcoran, John W.; Vygantas, Auste M.  
SO Biochemistry ( \*\*\*1982\*\*\* ), 21(2), 263-9

L4 ANSWER 34 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1981:529000 CAPLUS  
TI Macrolide biosynthesis. Origin of the oxygen atoms in the erythromycins  
AU Cane, David E.; Hasler, Heinz; Liang, Tzyy-Chyau  
SO Journal of the American Chemical Society ( \*\*\*1981\*\*\* ), 103(19), 5960-2

L4 ANSWER 35 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1967:54236 CAPLUS  
TI Biosynthesis of \*\*\*erythromycins\*\*\* . II. Isolation and structure of  
a biosynthetic intermediate, 6- \*\*\*deoxyerythronolide\*\*\* B  
AU Martin, Jerry Roy; Rosenbrook, William, Jr.  
SO Biochemistry ( \*\*\*1967\*\*\* ), 6(2), 435-40